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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

	P <sub>T</sub>	
Application Number		ဟ
Filing Date	August 29, 2001	3
First Named Inventor	Hitoshi KUNO et al	986
Examiner Name		- 54
Group / Art Unit		
Attornov Docket No	4041,1-000406	

METHOD OF PAYMENT (check one)	TOTAL AIRCO	HI OI I AIII	(4)		Attori	ey Docke	5t 110.				
Deposit Account Number   Deposit Number Number   Deposit Number Number   Deposit Number Number   Deposit Number Numb	METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)					
Code   (5)   Cod	1.				Large Entity			Entity			
105   130   205   85   Surcharge - Late firely ear or ash		08-0750							Fee Description		
Deposit							205		Surcharge - late filing fee or oath		
Account   Harmess, Dickey & Pierce, P.I.C.   139   130   130   139   130   139   130   139   130   139   130   139   130   139   130   139   130   139   130   130   139   130	Denosit			127	50	227	25				
Charge Any Additional Fee Required   112   920°   112   920°   Requesting publication of SIR prior to	Account	Harness, Dickey & Pierce, P.L.C.				130	139	130	Non-English specification		
Under 37 CFR 1.16 and 1.17	_			147	2,520	147	2,520	For filing a request for reexamination			
See 37 CFR   27	Under 37 CFR 1.16 and 1.17				112	920*	112	920*			
State   Credit card   Money   Other   116   390   216   195   18	See 37 CF		113	1,840*	113	1,840*					
Noney	Z. 🔼 Payment	Enclosed:							Extension for reply within first month		
The color of the properties						390	216	195			
1. BASIC FILING FEE   Large   Entity   Small   Entity   Fee   Fe		FEE CA		,	117	890	217		Extension for reply within third month		
Fee						1,390	218	695			
Code   (\$)   Code   (\$)   Code   (\$)   Code   (\$)   Fee Paid   120   310   220   155   Filing a brief in support of an appeal   121   270   221   135   Request for oral hearing   121   270   221   135   Request for oral hearing   127   138   1,510   13		•				•			Extension for reply within fifth month		
101   710   201   355   Utility filing fee   710   121   270   221   135   Request for oral hearing   138   1.510   138   1.51			Fee Description		1				• •		
106   320   206   160   Design filing fee   107   490   207   245   Plant filing fee   108   710   208   355   Reissue filing fee   141   1.240   245   55   Petition to revive – unavoidable   141   1.240   242   620   Utility issue fee (or reissue)   142   1.240   242   620   Utility issue fee (or reissue)   143   440   243   220   Design issue fee   144   600   244   300   Plant issue fee   145   Plant issue fee   145   Plant issue fee   146   Plant issue fee   147   Plant issue fee   148   Plant issue fee   149   Plant issue fee   149   Plant issue fee   140   Plant issue		, , ,	Itility filing fee		1				- · · · · · · · · · · · · · · · · · · ·	<u> </u>	
107   490   207   245   Plant filing fee   108   710   208   355   Reissue filing fee   114   150   214   75   Provisional filling fee   140   110   240   55   Petition to revive – unavoidable   141   1,240   241   620   Petition to revive – unavoidable   142   1,240   241   620   Petition to revive – unavoidable   142   1,240   241   620   Petition to revive – unintentional   142   1,240   241   620   Petitions				110	121	270	221	135	•		
114	107 490 2	07 245 I	Plant filing fee			•			proceeding		
SUBTOTAL (1)   (§) 710   142   1,240   242   620   Utility issue fee (or reissue)   143   440   243   220   Design issue fee   144   600   244   300   Plant issue fee   144   600   245   300   Plant issue fee   142   300   Plant issue fee   142   300   Plant issue fee   142   300			_	<del></del>	1						
SUBTOTAL (1)	114 150 2	14 75 F	Provisional filling	fee							
2. EXTRA CLAIM FEES    Extra   Fee from   Fee   122   130   122   130   Petitions to the Commissioner   123   130   123   130   Petitions to the Commissioner   123   130   123   130   Petitions related to provisional applications   126   180   126   180   Submission of Information Disclosure   Strnt   Recording each patent assignment   Recording each patent assignment   Per property (times number of properties)   146   710   246   355   Filing a submission after final rejection   (37 CFR § 1.129(a))   149   710   249   355   For each additional invention to be examined (37 CFR § 1.129(b))   149   710   279   355   Request for Continued Examination (RCE)   169   900   169   900   Request for expedited examination   169   900   169   900   Request for expedited examination   169   900   Request for expedited examination   169   900   16		(\$) 710	4				• • •				
Extra Fee from Fee Delow Faid  Total Claims				_ (ψ) γ το	1				-		
Total Claims 16 -20 = 0 X = 0   123   130   123   130   Petitions related to provisional applications   126   180   126   180   Submission of Information Disclosure   Stmt   126   180   126   180   Submission of Information Disclosure   126   180   126   180   126   180   Submission of Information Disclosure   126   180   126   180   126   180   Submission of Information Disclosure   127   128	2. EXTRA CLAIM	FEES			1						
Total Claims					122	130	122	130			
Claims 3 -3 = 0 X = 0   125 180 125 180 Stmt   Recording each patent assignment   S81 40 581 40 per property (times number of properties)    Large Entity Small Entity   Fee Fee Fee Fee Fee Gode (\$) Code (\$) Code (\$) Code (\$)   Fee Description (37 CFR § 1.129(a))    102 80 202 40 Independent claims in excess of 30   149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))    109 80 209 40 Multiple dependent claims over original patent   180 125 180 Stmt   Recording each patent assignment   Per property (times number of properties)    146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))    149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))    179 710 279 355 Request for Continued Examination of a design application    110 18 210 9 "Reissue claims in excess of 20 and over original patent    SUBTOTAL (2) (\$) 0    *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		-20 = [			123	130	123	130	applications		
Dependent  Large Entity Small Entity Fee Fee Fee Fee Fee Fee Gode (\$) Code (\$) 103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 "Reissue independent claims over original patent"  110 18 210 9 "Reissue claims in excess of 20 and over original patent"  SUBTOTAL (2) (\$) 0   X		-3 =	0 X	= 0	126	180	126	180	Stmt		
Fee Code (\$) Code (\$) Fee Description (37 CFR § 1.129(a))  103	Dependent		·L	= 0	581	40	581	40	per property (times number of		
103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims in excess of 3 109 80 209 40 "Reissue independent claims over original patent"  110 18 210 9 "Reissue claims in excess of 20 and over original patent"  SUBTOTAL (2) (\$) 0   149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))  179 710 279 355 Request for Continued Examination (RCE)  169 900 169 900 Request for expedited examination of a design application  110 Cher fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Fee Fee	Fee Fee		ion	146	710	246	355			
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Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	original patent				169	900	109	900			
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	**or number previous	e above	*Redu	ced by Ba	isic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 0				

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

H. Keith Miller, Ess.

Registration No. Attorney/Agent)

22,484

Telephone

248-641-1600

Signature

Date

August 29, 2001

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e through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark e: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. 4041J-000406 Method For Preventing Contamination Of Heat Exchanger And Heat First Inventor

(Unity for I	new nonprovision	ai applications u	nder 37 C.F.R.	. 1.53(b))	Express Mail	Label No.	EL 8	35 743 323	US	Si	
APPLICATION ELEMENTS					Assistant Commissioner for Pate					Ę	
See MPEP chapter 600 concerning utility patent application contents.					ADDR	RESS TO	):	Box Patent Washington	Application n, DC 20231	986	
1. 🛛						7. CD-ROM or CD-R in duplicate, large table or					
(Submit an original and a duplicate for fee processing)  Applicant claims small entity status.  See 37 CFR 1.27.  Specification [Total Pages 27]    (preferred arrangement set forth below)  - Descriptive title of the Invention						Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a.					
	<ul> <li>Cross Reference</li> <li>Statement Regard</li> </ul>	es to Related App rding Fed spons	olications ored R & D		ii. 🔲 paper						
<ul> <li>Statement Regarding Fed sponsored R &amp; D</li> <li>Reference to sequence listing, a table,</li> <li>or a computer program listing appendix</li> </ul>						c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS					
	<ul> <li>Background of the</li> </ul>	ne Invention	·						<del></del>		
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings ( if filed)</li> <li>Detailed Description</li> <li>Claim(s)</li> </ul>						9. Assignment Papers (cover sheet & document(s))  10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney					
-	- Abstract of the D	isclosure			11. 🔲	1. English Translation Document (if applicable)					
	Orawing(s) (35 t Declaration	12. 🛚	Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations								
а. 🔲	Newly execute		[ <i>Total Pages</i> copy)	· ·	13. 🔲	Preliminary Amendment					
b. 🗌	Copy from a p				14. 🛛	Return Receipt Postcard (MPEP 503)					
_	<b>-</b>	ation/divisional		completed)	15. 🛛	(Should be specifically itemized)  15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35					
i. [	Signed stateme	OF INVENT ent attached dele	ting inventor(s	s)							
	named in the pi	rior application, s 1.33(b).	see 37 CFR		""						
6. 🛛 Ap	plication Data S	heet. See 37	CFR 1.76		17. 🔲	or its equivalent.  17.  Other:					
18. If a CON	ITINUING APPLI	CATION check	annronriate t	ov and supp	ly the requiri	to informatio	n hole	out and in a	preliminary amendment,		
or in an App	plication Data Sh		FR 1.76:			e imorriado	iii beic	w anu in a	preuminary amenoment,		
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Vame	namess, Dick	ey & Pierce, F	L.C.								
	P.O. Box 828	<del></del>									
Address											
City	Bloomfield Hills State			MI	MI Zip Code			48303			
Country United States of America , Telephone		248-641-1600 Fax 248-641-0			248-641-0270						
Name (Print/Type) H. Keith Miller, E.g.			Registration No. (Attorney/Agent) 22,484								
Signature A A		Date August 29, 2				August 29, 2001	<u></u>				

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.